

Title (en)

ADENOVIRUS COMPLEX FOR GENE TRANSFER AND GENE THERAPY

Title (de)

ADENOVIRUSKOMPLEX FÜR GENTRANSFER UND GENTHERAPIE

Title (fr)

COMPLEXE D'ADÉNOVIRUS POUR TRANSFERT GÉNÉTIQUE OU THÉRAPIE GÉNIQUE

Publication

EP 3363447 A1 20180822 (EN)

Application

EP 16855714 A 20161012

Priority

- KR 20150142434 A 20151012
- KR 2016011437 W 20161012

Abstract (en)

The present invention relates to an adenovirus complex which can be utilized for gene transfer and gene therapy by targeting neurotensin receptors. The complex of the present invention has an excellent antitumor effect because of a high intracellular gene transfer efficiency and target specificity by neurotensin receptor-specific binding, has little hepatotoxicity and immunogenicity, forms a stable complex, has low immunogenicity, and thus has a low loss in blood even in an in vivo environment. Therefore, the complex of the present invention can be effectively used for gene therapy.

IPC 8 full level

A61K 35/761 (2015.01); **A61K 38/00** (2006.01)

CPC (source: EP KR US)

A61K 35/761 (2013.01 - EP KR US); **A61K 38/00** (2013.01 - EP KR US); **A61K 47/50** (2017.08 - KR); **A61K 47/60** (2017.08 - EP US); **A61K 47/62** (2017.08 - KR); **A61K 48/0041** (2013.01 - US); **A61P 35/00** (2018.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3363447 A1 20180822; **EP 3363447 A4 20190703**; CN 108289920 A 20180717; KR 102106619 B1 20200506; KR 20170043096 A 20170420; US 11235072 B2 20220201; US 2018296701 A1 20181018; WO 2017065497 A1 20170420

DOCDB simple family (application)

EP 16855714 A 20161012; CN 201680068461 A 20161012; KR 2016011437 W 20161012; KR 20160132312 A 20161012; US 201815952191 A 20180412